

## **Appendix C**

### **Supporting Information for Aquifer Sampling Tubes**

This page intentionally left blank.

## Figures

Figure C-1.	Aquifer Sampling Tube Dates in Relation to Columbia River Stage Elevation below Priest Rapids Dam .....	C-3
-------------	--	-----

## Tables

Table C-1.	Summary of Aquifer Tube Sampling Trips Scheduled or Performed in Calendar Year 2014.....	C-4
Table C-2.	Aquifer Tube Sample Dates and Depths .....	C-4

This page intentionally left blank.

## C Supporting Information for Aquifer Sampling Tubes

Sampling points in the aquifer adjacent to the Columbia River on the Hanford Site provide information about water quality near the point of groundwater discharge. These sampling points are known as aquifer sampling tubes or aquifer tubes.

Conventional aquifer tubes are small-diameter, flexible tubes that have a screen on one end. They are installed in the aquifer along the Columbia River shoreline by driving a temporary steel casing into the ground adjacent to the river. The temporary casing is filled with water to keep sediment from coming up into the casing, then the drive-tip on the casing end is knocked out and the screened end of a 0.25 in. diameter, flexible tube is inserted into the casing. The steel casing is then pulled out, leaving the tube in place. Water is withdrawn from the tube using a peristaltic pump. The head of the tubes are on dry ground when the Columbia River is at low to moderate levels. Most of the tubes become submerged when river stage is high, although some have been extended so they can be sampled at high river stage. Aquifer tubes are not constructed as resource protection wells as specified in [WAC 173-160](#) and are not used as compliance points for groundwater decisions.

Over 580 aquifer tubes have been installed along the Hanford Site shoreline. Most aquifer tube sites include two or three separately installed tubes monitoring different depths, most commonly between 2 and 8 m (6.6 and 26 ft). The tube sites cover the Hanford Site shoreline, from just upstream of 100-BC to downstream at the 300 Area. Sites are more closely spaced along some segments where better spatial resolution of contaminant plumes is needed.

Aquifer tubes of a different design have been installed in 100-BC in recent years. Known as hyporheic sampling points (HSPs), these differ from the conventional aquifer tubes in their depth and construction. The HSPs are shallow (most are 0.5 m [1.6 ft] deep) and are designed to monitor the biologically active portion of the hyporheic zone. Most of them are 1.5 in. diameter, stainless-steel tubes that are submerged even at low river stage. In 2014, six new, shallower (0.15 m [0.5 ft]) HSPs were installed to supplement the previously installed HSPs (0.5 to 1 m [1.6 to 3.3 ft] depth). The 100-BC chapter of this report summarizes the HSP results for 2014.

A subset of aquifer tubes is sampled as specified in the following documents:

- *Sampling and Analysis Plan for Aquifer Sampling Tubes* ([DOE/RL-2000-59](#)), as modified by [TPA-CN-327](#), [TPA-CN-353](#), and [TPA-CN-556](#). This plan includes aquifer tubes along the entire Hanford Reach of the Columbia River. As groundwater sampling and analysis plans for River Corridor OUs are revised, they will include aquifer tubes if needed to meet data quality objectives. Until those revisions are implemented, [DOE/RL-2000-59](#) remains in effect.
- *100-FR-3 Operable Unit Sampling and Analysis Plan* ([DOE/RL-2003-49, Rev. 2](#)). Unlike previous versions of this plan, the September 2014 revision includes aquifer sampling tubes. This supersedes the requirements for 100-F aquifer tubes in [DOE/RL-2000-59](#).
- *Sampling and Analysis Plan for the 100-BC-1, 100-BC-2, and 100-BC-5 Operable Unit Remedial Investigation/Feasibility Study* ([DOE/RL-2009-44](#)), as modified by [TPA-CN-559](#), [TPA-CN-593](#), and [TPA-CN-602](#). These modifications include requirements for installation and monitoring of HSPs, which are not included in [DOE/RL-2000-59](#). It is limited to a 2-year period (fall 2013 through fall 2015).

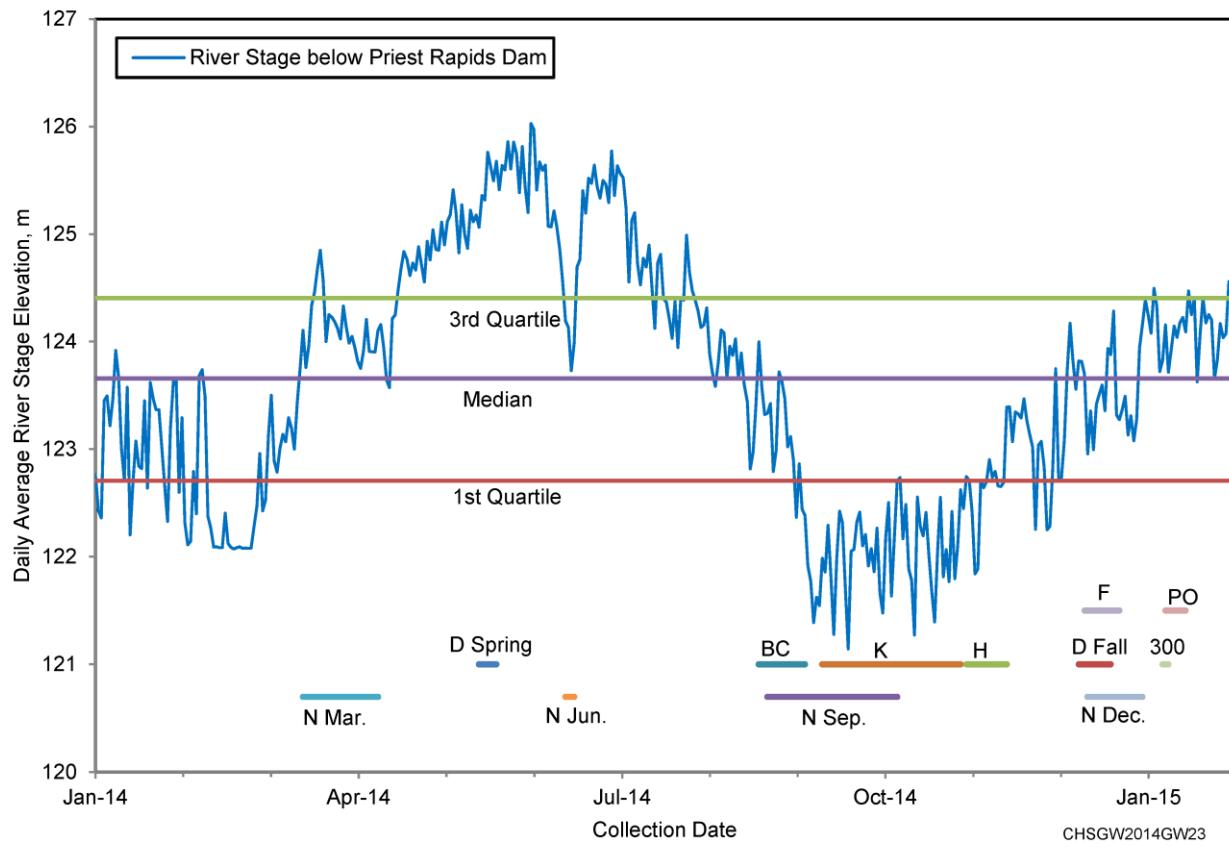
- *Remedial Design/Remedial Action Work Plan for the 100-NR-2 Operable Unit* ([DOE/RL-2001-27](#), Rev. 1), Appendix A. This includes aquifer tubes downgradient of the apatite barrier. Requirements overlap and supplement [DOE/RL-2000-59](#).
- *Sampling and Analysis Plan for the 200-PO-1 Groundwater Operable Unit* ([DOE/RL-2003-04](#), Rev. 1). This includes aquifer tubes in the eastern part of 200-PO. Requirements overlap and supplement [DOE/RL-2000-59](#).

In total, 324 individual aquifer tubes were sampled in 2014. In order to monitor seasonal changes, the 100-BC HSPs are sampled monthly, many 100-N aquifer tubes are sampled quarterly, and some 100-D aquifer tubes are sampled semiannually. In addition to the tubes scheduled for sampling in 2014, over 100 aquifer tube sampling trips scheduled for fall 2013 were delayed into January and February 2014. This resulted in over 700 successful aquifer tube sampling trips performed during 2014. Fifty-six additional trips were delayed into early January 2015 because of a heavy sampling schedule in fall 2014. Table C-1 summarizes number of sampling trips performed or scheduled in 2014. Table C-2 includes specific sampling dates and depth of the conventional aquifer tubes. [SGW-58308](#) includes a tally of 2014 sample dates for the 100-BC HSPs.

The question has been raised whether sampling aquifer tubes results in “short circuiting” (i.e., whether river water is being sucked through the sediment around the tube and into the screen). This problem could occur during periods when the entry point of the tube into the sediment is submerged. This effect could dilute samples with river water so they do not reflect ambient conditions in the hyporheic zone. Most of the conventional aquifer tubes are greater than 2 meters (6 ft) deep and they are sampled at low pumping rates, reducing the possibility of short-circuiting. A statistical evaluation of specific conductance data collected during and after sampling in 2010 demonstrated that no significant sample dilution occurred (Appendix C of [DOE/RL-2011-01](#)).

Inducing flow of river water into HSPs, which are less than 1 m (3 ft) deep, is minimized by pumping at rates of just 10 to 50 mL/min. Specific conductance data collected during purging and sampling are used to evaluate whether samples are representative of ambient conditions in the hyporheic zone ([SGW-58308](#)).

Figure C-1 illustrates river stage below Priest Rapids Dam, upstream of the Hanford Site, and the time periods when the bulk of the aquifer tube samples were collected in each area. The comprehensive, annual sampling occurred between late August 2014 and early January 2015. River stage was below its annual median during most of that period, but rose above the median in late December and January. The head ends of the aquifer tubes sampled in late summer and fall were above water during sampling. Some aquifer tubes sampled in December 2014 and January 2015 may have been submerged during or before sampling. Sampling during high river stage periods (e.g., 100-N quarterly tubes; 100-D semiannual tubes) is designed to occur when the tubes are submerged. These sites have tubing extended up the river bank to allow sampling under all river stage conditions. The 100-BC HSPs are submerged under all river stage conditions and are sampled from a boat.



**Figure C-1. Aquifer Sampling Tube Dates in Relation to Columbia River Stage Elevation below Priest Rapids Dam**

**Table C-1. Summary of Aquifer Tube Sampling Trips Scheduled or Performed in Calendar Year 2014**

<b>Shoreline Segment</b>	<b>Scheduled in 2013, Sampled in 2014</b>	<b>Scheduled 2014</b>	<b>Successful 2014</b>	<b>Unsuccessful 2014</b>	<b>Delayed to 2015</b>	<b>Total Trips CY 2014</b>
100-BC	0	35	35	0	0	35
100-BC HSP	0	192	182	10	0	182
100-FR	2	13	11	2	0	13
100-HR-D	41	92	88	2	2	129
100-HR-H	40	61	52	4	5	92
100-KR	0	71	71	0	0	71
100-NR	18	149	145	2	2	163
200-PO	11	22	0	1	21	11
300-FF	7	28	0	2	26	7
<b>Total</b>	<b>119</b>	<b>663</b>	<b>584</b>	<b>23</b>	<b>56</b>	<b>703</b>

HSP = hyporheic sampling points

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100BC5	01-M	4.9	16.0	A	9/1/2014	8/25/2014	
100BC5	03-D	4.0	13.0	A	9/1/2014	8/25/2014	
100BC5	04-D	7.6	25.0	A	9/1/2014	8/25/2014	
100BC5	05-D	7.8	25.5	A	9/1/2014	8/25/2014	
100BC5	05-M	5.2	17.0	A	9/1/2014	8/25/2014	
100BC5	05-S	2.6	8.5	A	9/1/2014	8/25/2014	
100BC5	06-D	7.0	23.0	A	9/1/2014	8/27/2014	
100BC5	06-M	4.7	15.5	A	9/1/2014	8/27/2014	
100BC5	06-S	2.7	8.8	A	9/1/2014	8/27/2014	
100BC5	12-D	3.0	10.0	A	9/1/2014	9/2/2014	
100BC5	AT-B-1-M	4.0	13.3	A	9/1/2014	8/25/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100BC5	AT-B-2-D	5.8	19.0	A	9/1/2014	8/25/2014	
100BC5	AT-B-3-D	2.5	8.1	A	9/1/2014	8/26/2014	
100BC5	AT-B-3-M	4.3	14.2	A	9/1/2014	8/26/2014	
100BC5	AT-B-3-S	7.1	23.2	A	9/1/2014	8/26/2014	
100BC5	AT-B-5-D	7.3	24.0	A	9/1/2014	9/2/2014	
100BC5	AT-B-7-M	4.1	13.3	A	9/1/2014	9/2/2014	
100BC5	C6227	3.4	11.2	A	9/1/2014	8/25/2014	
100BC5	C6228	5.3	17.5	A	9/1/2014	8/25/2014	
100BC5	C6229	7.1	23.4	A	9/1/2014	8/25/2014	
100BC5	C6230	2.8	9.2	A	9/1/2014	9/2/2014	
100BC5	C6231	4.0	13.0	A	9/1/2014	9/2/2014	
100BC5	C6232	8.1	26.5	A	9/1/2014	9/2/2014	
100BC5	C6233	2.9	9.6	A	9/1/2014	9/3/2014	
100BC5	C6234	4.6	15.3	A	9/1/2014	9/3/2014	
100BC5	C6235	5.8	19.2	A	9/1/2014	9/3/2014	
100BC5	C7718	2.2	7.1	A	9/1/2014	8/26/2014	
100BC5	C7719	3.8	12.5	A	9/1/2014	8/26/2014	
100BC5	C7720	5.6	18.3	A	9/1/2014	8/26/2014	
100BC5	C7724	1.9	6.3	A	9/1/2014	8/26/2014	
100BC5	C7725	3.2	10.6	A	9/1/2014	8/26/2014	
100BC5	C7726	4.7	15.6	A	9/1/2014	8/26/2014	
100BC5	C7780	1.7	5.7	A	9/1/2014	8/27/2014	
100BC5	C7781	2.6	8.5	A	9/1/2014	8/27/2014	
100BC5	C7782	3.4	11.3	A	9/1/2014	8/27/2014	
100FR3	62-M	5.5	18.0	A	10/1/2014	12/10/2014	
100FR3	64-M	5.2	17.0	A	10/1/2014	12/10/2014	
100FR3	67-M	6.1	20.0	A	10/1/2014	12/18/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100FR3	72-M	5.5	18.0	A	10/1/2014		Canceled - no access
100FR3	74-D	8.8	29.0	A	10/1/2013	1/7/2014	Delayed from CY 2013
100FR3	74-D	8.8	29.0	A	10/1/2014	12/10/2014	
100FR3	75-D	8.2	27.0	A	10/1/2013	1/7/2014	Delayed from CY 2013
100FR3	75-D	8.2	27.0	A	10/1/2014	12/10/2014	
100FR3	76-D	7.6	25.0	A	10/1/2014	12/22/2014	
100FR3	77-D	7.5	24.5	A	10/1/2014		Damaged by animals; could not identify. Cancel
100FR3	C6302	2.6	8.5	A	10/1/2014	12/10/2014	
100FR3	C6303	4.1	13.3	A	10/1/2014	12/10/2014	
100FR3	C6306	4.4	14.3	A	10/1/2014	12/10/2014	
100FR3	C6309	4.9	16.2	A	10/1/2014	12/10/2014	
100FR3	C6315	5.6	18.4	A	10/1/2014	12/18/2014	
100HR3-D	36-M	4.3	14.0	A	11/1/2014	1/12/2015	
100HR3-D	36-S	2.4	8.0	A	11/1/2014	12/12/2014	
100HR3-D	38-D	5.0	16.5	A	11/1/2014	12/12/2014	
100HR3-D	38-M	3.0	10.0	A	11/1/2014	12/12/2014	
100HR3-D	AT-D-1-D	4.1	13.3	A	11/1/2014	12/11/2014	
100HR3-D	AT-D-1-M	3.3	10.8	A	11/1/2014	12/11/2014	
100HR3-D	AT-D-1-S	2.1	7.0	A	11/1/2014	12/11/2014	
100HR3-D	AT-D-2-M	5.0	16.3	A	11/1/2014	12/11/2014	
100HR3-D	AT-D-2-S	4.4	14.3	A	11/1/2014	12/11/2014	
100HR3-D	AT-D-3-D	3.6	11.8	A	11/1/2014	12/12/2014	
100HR3-D	AT-D-3-M	2.7	8.8	A	11/1/2014	12/12/2014	
100HR3-D	AT-D-3-S	2.2	7.3	A	11/1/2014	12/12/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-D	AT-D-4-D	4.8	15.7	A	11/1/2014	12/12/2014	
100HR3-D	AT-D-4-M	4.2	13.8	A	11/1/2014	12/11/2014	
100HR3-D	AT-D-4-S	3.8	12.4	A	11/1/2014	12/11/2014	
100HR3-D	AT-D-5-D	2.7	8.8	A	11/1/2013	1/30/2014	Delayed from CY 2013
100HR3-D	AT-D-5-D	2.7	8.8	A	11/1/2014	12/19/2014	
100HR3-D	AT-D-5-M	2.1	6.8	A	11/1/2013	1/30/2014	Delayed from CY 2013
100HR3-D	AT-D-5-M	2.1	6.8	A	11/1/2014	12/19/2014	
100HR3-D	C6266	2.9	9.6	SA	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	C6266	2.9	9.6	SA	5/1/2014	5/14/2014*	
100HR3-D	C6266	2.9	9.6	SA	11/1/2014	12/8/2014	
100HR3-D	C6267	3.9	12.7	SA	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	C6267	3.9	12.7	SA	5/1/2014	5/14/2014*	
100HR3-D	C6267	3.9	12.7	SA	11/1/2014	12/8/2014	
100HR3-D	C6268	6.6	21.7	SA	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	C6268	6.6	21.7	SA	5/1/2014	5/14/2014*	
100HR3-D	C6268	6.6	21.7	SA	11/1/2014	12/8/2014	
100HR3-D	C6269	2.4	8.0	SA	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	C6269	2.4	8.0	SA	5/1/2014	5/14/2014*	
100HR3-D	C6269	2.4	8.0	SA	11/1/2014	12/8/2014	
100HR3-D	C6270	3.9	12.8	SA	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	C6270	3.9	12.8	SA	5/1/2014	5/14/2014*	
100HR3-D	C6270	3.9	12.8	SA	11/1/2014	12/8/2014	
100HR3-D	C6271	5.6	18.3	SA	11/1/2013	1/15/2014	Delayed from CY 2013

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-D	C6271	5.6	18.3	SA	5/1/2014	5/14/2014*	
100HR3-D	C6271	5.6	18.3	SA	11/1/2014	12/8/2014	
100HR3-D	C6272	2.9	9.7	A	11/1/2013	1/16/2014	Delayed from CY 2013
100HR3-D	C6272	2.9	9.7	A	11/1/2014	12/11/2014	
100HR3-D	C6275	3.2	10.4	A	11/1/2013	1/16/2014	Delayed from CY 2013
100HR3-D	C6275	3.2	10.4	A	11/1/2014	12/12/2014	
100HR3-D	C6278	3.0	9.7	A	11/1/2013	1/16/2014	Delayed from CY 2013
100HR3-D	C6278	3.0	9.7	A	11/1/2014	12/12/2014	
100HR3-D	C6281	2.4	7.9	A	11/1/2013	1/30/2014	Delayed from CY 2013
100HR3-D	C6281	2.4	7.9	A	11/1/2014		Delayed; then river too high. Cancel
100HR3-D	C6282	4.7	15.6	A	11/1/2013	1/30/2014	Delayed from CY 2013
100HR3-D	C6282	4.7	15.6	A	11/1/2014		Delayed; then river too high. Cancel
100HR3-D	C7645	2.4	8.0	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	C7645	2.4	8.0	A	11/1/2014	12/8/2014	
100HR3-D	C7646	3.7	12.3	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	C7646	3.7	12.3	A	11/1/2014	12/8/2014	
100HR3-D	C7647	5.6	18.5	A	11/1/2014	12/8/2014	
100HR3-D	C7648	6.4	21.1	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	C7648	6.4	21.1	A	11/1/2014	12/8/2014	
100HR3-D	DD-06-2	3.7	12.0	A	11/1/2014	12/19/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-D	DD-06-3	4.9	16.0	A	11/1/2014	12/19/2014	
100HR3-D	DD-12-2	3.0	10.0	A	11/1/2014	12/19/2014	
100HR3-D	DD-12-4	6.4	21.0	A	11/1/2013	1/30/2014	Delayed from CY 2013
100HR3-D	DD-12-4	6.4	21.0	A	11/1/2014	12/19/2014	
100HR3-D	DD-15-2	4.6	15.0	A	11/1/2013	1/30/2014	Delayed from CY 2013
100HR3-D	DD-15-2	4.6	15.0	A	11/1/2014	12/19/2014	
100HR3-D	DD-15-3	6.4	21.0	A	11/1/2013	1/30/2014	Delayed from CY 2013
100HR3-D	DD-15-3	6.4	21.0	A	11/1/2014	12/19/2014	
100HR3-D	DD-15-4	7.8	25.5	A	11/1/2013	1/30/2014	Delayed from CY 2013
100HR3-D	DD-15-4	7.8	25.5	A	11/1/2014	12/19/2014	
100HR3-D	DD-16-3	5.3	17.5	A	11/1/2013	1/20/2014	Delayed from CY 2013
100HR3-D	DD-16-3	5.3	17.5	A	11/1/2014	12/12/2014	
100HR3-D	DD-16-4	7.8	25.5	A	11/1/2014	12/12/2014	
100HR3-D	DD-17-2	3.2	10.5	A	11/1/2014	12/12/2014	
100HR3-D	DD-17-3	4.6	15.0	A	11/1/2014	12/12/2014	
100HR3-D	DD-39-1	1.7	5.5	SA	11/1/2014	1/12/2015	
100HR3-D	DD-41-1	2.5	8.1	SA	11/1/2013	1/16/2014	Delayed from CY 2013
100HR3-D	DD-41-1	2.5	8.1	SA	5/1/2014	5/14/2014*	
100HR3-D	DD-41-1	2.5	8.1	SA	11/1/2014	12/9/2014	
100HR3-D	DD-41-2	4.1	13.6	SA	11/1/2013	1/30/2014	Delayed from CY 2013
100HR3-D	DD-41-2	4.1	13.6	SA	5/1/2014	5/14/2014*	
100HR3-D	DD-41-2	4.1	13.6	SA	11/1/2014	12/9/2014	
100HR3-D	DD-41-3	5.6	18.3	SA	5/1/2014	5/14/2014*	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-D	DD-41-3	5.6	18.3	SA	11/1/2014	12/9/2014	
100HR3-D	DD-42-2	3.2	10.4	SA	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-42-2	3.2	10.4	SA	5/1/2014	5/14/2014*	
100HR3-D	DD-42-2	3.2	10.4	SA	11/1/2014	12/9/2014	
100HR3-D	DD-42-3	4.5	14.9	SA	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-42-3	4.5	14.9	SA	5/1/2014	5/14/2014*	
100HR3-D	DD-42-3	4.5	14.9	SA	11/1/2014	12/9/2014	
100HR3-D	DD-42-4	5.5	18.0	SA	11/1/2013	1/16/2014	Delayed from CY 2013
100HR3-D	DD-42-4	5.5	18.0	SA	5/1/2014	5/14/2014*	
100HR3-D	DD-42-4	5.5	18.0	SA	11/1/2014	12/9/2014	
100HR3-D	DD-43-2	3.0	10.0	SA	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-43-2	3.0	10.0	SA	5/1/2014	5/14/2014*	
100HR3-D	DD-43-2	3.0	10.0	SA	11/1/2014	12/8/2014	
100HR3-D	DD-43-3	3.0	10.0	SA	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-43-3	3.0	10.0	SA	5/1/2014	5/14/2014*	
100HR3-D	DD-43-3	3.0	10.0	SA	11/1/2014	12/8/2014	
100HR3-D	DD-44-3	4.4	14.3	SA	11/1/2013	1/16/2014	Delayed from CY 2013
100HR3-D	DD-44-3	4.4	14.3	SA	5/1/2014	5/20/2014*	
100HR3-D	DD-44-3	4.4	14.3	SA	11/1/2014	12/8/2014	
100HR3-D	DD-44-4	5.3	17.4	SA	5/1/2014	5/20/2014*	
100HR3-D	DD-44-4	5.3	17.4	SA	11/1/2014	12/8/2014	
100HR3-D	DD-49-1	3.5	11.5	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-49-1	3.5	11.5	A	11/1/2014	10/28/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-D	DD-49-2	4.6	15.2	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-49-2	4.6	15.2	A	11/1/2014	10/28/2014	
100HR3-D	DD-49-3	3.5	11.5	A	11/1/2014	10/28/2014	
100HR3-D	DD-49-4	4.6	15.2	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-49-4	4.6	15.2	A	11/1/2014	10/28/2014	
100HR3-D	DD-50-1	3.9	12.9	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-50-1	3.9	12.9	A	11/1/2014	10/28/2014	
100HR3-D	DD-50-2	5.9	19.3	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-50-2	5.9	19.3	A	11/1/2014	10/28/2014	
100HR3-D	DD-50-3	7.4	24.2	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-50-3	7.4	24.2	A	11/1/2014	10/28/2014	
100HR3-D	DD-50-4	9.1	30.0	A	11/1/2013	1/15/2014	Delayed from CY 2013
100HR3-D	DD-50-4	9.1	30.0	A	11/1/2014	10/28/2014	
100HR3-D	REDOX-1-3.3	1.0	3.3	SA	11/1/2013	1/20/2014	Delayed from CY 2013
100HR3-D	REDOX-1-3.3	1.0	3.3	SA	5/1/2014	5/20/2014*	
100HR3-D	REDOX-1-3.3	1.0	3.3	SA	11/1/2014	12/9/2014	
100HR3-D	REDOX-1-6.0	1.8	6.0	SA	5/1/2014	5/20/2014*	
100HR3-D	REDOX-1-6.0	1.8	6.0	SA	11/1/2014	12/9/2014	
100HR3-D	REDOX-2-6.0	1.8	6.0	SA	11/1/2013	1/20/2014	Delayed from CY 2013
100HR3-D	REDOX-2-6.0	1.8	6.0	SA	5/1/2014	5/20/2014*	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-D	REDOX-2-6.0	1.8	6.0	SA	11/1/2014	12/9/2014	
100HR3-D	REDOX-3-3.3	1.0	3.3	SA	11/1/2013	1/16/2014	Delayed from CY 2013
100HR3-D	REDOX-3-3.3	1.0	3.3	SA	5/1/2014	5/20/2014*	
100HR3-D	REDOX-3-3.3	1.0	3.3	SA	11/1/2014	12/9/2014	
100HR3-D	REDOX-3-4.6	1.4	4.6	SA	5/1/2014	5/20/2014*	
100HR3-D	REDOX-3-4.6	1.4	4.6	SA	11/1/2014	12/9/2014	
100HR3-D	REDOX-4-3.0	0.9	3.0	SA	11/1/2013	1/16/2014	Delayed from CY 2013
100HR3-D	REDOX-4-3.0	0.9	3.0	SA	5/1/2014	5/20/2014*	
100HR3-D	REDOX-4-3.0	0.9	3.0	SA	11/1/2014	12/9/2014	
100HR3-D	REDOX-4-6.0	1.8	6.0	SA	11/1/2013	1/16/2014	Delayed from CY 2013
100HR3-D	REDOX-4-6.0	1.8	6.0	SA	5/1/2014	5/20/2014*	
100HR3-D	REDOX-4-6.0	1.8	6.0	SA	11/1/2014	12/9/2014	
100HR3-H	44-M	2.6	8.5	A	11/1/2014	11/3/2014	
100HR3-H	45-D	7.0	23.0	A	11/1/2013	1/13/2014	Delayed from CY 2013
100HR3-H	45-D	7.0	23.0	A	11/1/2014	11/4/2014	
100HR3-H	45-M	4.6	15.0	A	11/1/2013	1/13/2014	Delayed from CY 2013
100HR3-H	45-M	4.6	15.0	A	11/1/2014	11/4/2014	
100HR3-H	45-S	2.4	8.0	A	11/1/2013	1/13/2014	Delayed from CY 2013
100HR3-H	45-S	2.4	8.0	A	11/1/2014	11/4/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-H	47-D	2.4	8.0	A	11/1/2014	11/12/2014	
100HR3-H	47-M	2.4	8.0	A	11/1/2014	11/12/2014	
100HR3-H	48-M	5.2	17.0	A	11/1/2014	11/13/2014	
100HR3-H	48-S	2.7	9.0	A	11/1/2014	11/13/2014	
100HR3-H	49-D	7.8	25.5	A	11/1/2014	11/13/2014	
100HR3-H	50-M	5.3	17.5	A	11/1/2013	2/26/2014	Delayed from CY 2013
100HR3-H	50-M	5.3	17.5	A	11/1/2014	1/13/2015	
100HR3-H	50-S	2.6	8.5	A	11/1/2014	1/13/2015	
100HR3-H	51-D	7.8	25.5	A	11/1/2014		Could not locate 9/9/2014. Cancel
100HR3-H	51-M	5.3	17.5	A	11/1/2014		Could not locate 9/9/2014. Cancel
100HR3-H	51-S	2.9	9.5	A	11/1/2014		Could not locate 9/9/2014. Cancel
100HR3-H	52-D	7.3	24.0	A	11/1/2013	2/18/2014	Delayed from CY 2013
100HR3-H	52-D	7.3	24.0	A	11/1/2014	12/18/2014	
100HR3-H	52-M	4.6	15.0	A	11/1/2013	2/18/2014	Delayed from CY 2013
100HR3-H	52-M	4.6	15.0	A	11/1/2014	12/18/2014	
100HR3-H	52-S	2.1	7.0	A	11/1/2013	2/18/2014	Delayed from CY 2013
100HR3-H	52-S	2.1	7.0	A	11/1/2014	12/18/2014	
100HR3-H	54-D	7.9	26.0	A	11/1/2013	2/18/2014	Delayed from CY 2013
100HR3-H	54-D	7.9	26.0	A	11/1/2014	12/18/2014	
100HR3-H	54-M	5.2	17.0	A	11/1/2013	2/18/2014	Delayed from CY 2013
100HR3-H	54-M	5.2	17.0	A	11/1/2014	12/18/2014	
100HR3-H	54-S	2.3	7.5	A	11/1/2013	2/18/2014	Delayed from CY 2013

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-H	54-S	2.3	7.5	A	11/1/2014	12/18/2014	
100HR3-H	AT-H-1-D	3.9	12.8	A	11/1/2014	1/13/2015	
100HR3-H	AT-H-1-M	3.4	11.0	A	11/1/2014	11/5/2014	
100HR3-H	AT-H-1-S	1.9	6.2	A	11/1/2014	11/5/2014	
100HR3-H	AT-H-2-D	3.7	12.0	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	AT-H-2-D	3.7	12.0	A	11/1/2014	11/6/2014	
100HR3-H	AT-H-2-M	2.8	9.2	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	AT-H-2-M	2.8	9.2	A	11/1/2014	11/6/2014	
100HR3-H	AT-H-2-S	1.6	5.3	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	AT-H-2-S	1.6	5.3	A	11/1/2014	11/6/2014	
100HR3-H	AT-H-3-D	2.2	7.3	A	11/1/2014	11/5/2014	
100HR3-H	AT-H-3-S	1.6	5.3	A	11/1/2014	11/5/2014	
100HR3-H	C5632	2.2	7.3	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5632	2.2	7.3	A	11/1/2014	10/30/2014	
100HR3-H	C5633	5.3	17.5	A	11/1/2014	10/30/2014	
100HR3-H	C5634	9.4	31.0	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5634	9.4	31.0	A	11/1/2014	10/30/2014	
100HR3-H	C5635	2.1	7.0	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5635	2.1	7.0	A	11/1/2014	10/30/2014	
100HR3-H	C5636	4.7	15.6	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5636	4.7	15.6	A	11/1/2014	10/30/2014	
100HR3-H	C5637	3.8	12.4	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5637	3.8	12.4	A	11/1/2014	10/30/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-H	C5638	1.7	5.7	A	11/1/2014	10/30/2014	
100HR3-H	C5641	1.4	4.7	A	11/1/2014	10/30/2014	
100HR3-H	C5644	2.0	6.4	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5644	2.0	6.4	A	11/1/2014	11/3/2014	
100HR3-H	C5673	1.6	5.2	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5673	1.6	5.2	A	11/1/2014	11/4/2014	
100HR3-H	C5674	2.5	8.1	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5674	2.5	8.1	A	11/1/2014	11/4/2014	
100HR3-H	C5676	1.6	5.4	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5676	1.6	5.4	A	11/1/2014	11/4/2014	
100HR3-H	C5677	2.4	7.9	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C5677	2.4	7.9	A	11/1/2014	11/4/2014	
100HR3-H	C5678	2.4	8.0	A	11/1/2014	11/4/2014	
100HR3-H	C5679	1.2	4.0	A	11/1/2013	1/14/2014	Delayed from CY 2013
100HR3-H	C5679	1.2	4.0	A	11/1/2014	11/4/2014	
100HR3-H	C5680	3.6	11.9	A	11/1/2013	1/14/2014	Delayed from CY 2013
100HR3-H	C5680	3.6	11.9	A	11/1/2014	11/4/2014	
100HR3-H	C5681	4.0	13.2	A	11/1/2014	12/22/2014	
100HR3-H	C5682	2.7	8.9	A	11/1/2014	11/5/2014	
100HR3-H	C6284	3.0	9.7	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C6284	3.0	9.7	A	11/1/2014	10/30/2014	
100HR3-H	C6285	4.5	14.6	A	11/1/2013	2/12/2014	Delayed from CY 2013

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-H	C6285	4.5	14.6	A	11/1/2014	10/30/2014	
100HR3-H	C6286	10.4	34.0	A	11/1/2013	2/12/2014	Delayed from CY 2013
100HR3-H	C6286	10.4	34.0	A	11/1/2014	10/30/2014	
100HR3-H	C6287	2.0	6.5	A	11/1/2013	1/14/2014	Delayed from CY 2013
100HR3-H	C6287	2.0	6.5	A	11/1/2014	10/30/2014	
100HR3-H	C6288	2.4	7.8	A	11/1/2013	1/14/2014	Delayed from CY 2013
100HR3-H	C6288	2.4	7.8	A	11/1/2014	10/30/2014	
100HR3-H	C6290	2.6	8.6	A	11/1/2013	1/13/2014	Delayed from CY 2013
100HR3-H	C6290	2.6	8.6	A	11/1/2014		Unsuccessful 11/5/14; Repaired 1/9/15, then river too high. Cancel
100HR3-H	C6291	4.0	13.0	A	11/1/2013	1/13/2014	Delayed from CY 2013
100HR3-H	C6291	4.0	13.0	A	11/1/2014	11/6/2014	
100HR3-H	C6293	2.4	7.9	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	C6293	2.4	7.9	A	11/1/2014	11/5/2014	
100HR3-H	C6296	2.4	8.0	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	C6296	2.4	8.0	A	11/1/2014	11/12/2014	
100HR3-H	C6297	4.0	13.1	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	C6297	4.0	13.1	A	11/1/2014	11/12/2014	
100HR3-H	C6299	2.5	8.1	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	C6299	2.5	8.1	A	11/1/2014	11/13/2014	
100HR3-H	C6300	3.8	12.6	A	11/1/2013	1/9/2014	Delayed from CY 2013

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100HR3-H	C6300	3.8	12.6	A	11/1/2014	11/13/2014	
100HR3-H	C6301	5.3	17.3	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	C6301	5.3	17.3	A	11/1/2014	11/13/2014	
100HR3-H	C7649	1.7	5.5	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	C7649	1.7	5.5	A	11/1/2014	1/13/2015	
100HR3-H	C7650	2.4	7.8	A	11/1/2013	1/9/2014	Delayed from CY 2013
100HR3-H	C7650	2.4	7.8	A	11/1/2014	1/13/2015	
100KR4	14-D	6.6	21.5	A	10/1/2014	10/21/2014	
100KR4	17-D	5.9	19.5	A	10/1/2014	9/16/2014	
100KR4	18-S	2.6	8.5	A	10/1/2014	12/11/2014	Not in AT; scheduled 100-KR only.
100KR4	19-D	6.7	22.0	A	10/1/2014	10/21/2014	
100KR4	19-M	3.0	10.0	A	10/1/2014	10/21/2014	
100KR4	21-M	4.6	15.0	A	10/1/2014	10/22/2014	
100KR4	21-S	3.4	11.0	A	10/1/2014	10/22/2014	
100KR4	22-D	3.7	12.3	A	10/1/2014	9/17/2014	
100KR4	22-M	2.3	7.5	A	10/1/2014	9/17/2014	
100KR4	23-M	2.1	7.0	A	10/1/2014	10/23/2014	
100KR4	25-D	2.3	7.5	A	10/1/2014	10/27/2014	
100KR4	26-D	7.0	23.0	A	10/1/2014	10/23/2014	
100KR4	26-M	4.3	14.0	A	10/1/2014	10/23/2014	
100KR4	26-S	1.8	6.0	A	10/1/2014	10/23/2014	
100KR4	AT-K-1-D	6.6	21.7	A	10/1/2014	9/10/2014	
100KR4	AT-K-1-M	4.6	15.0	A	10/1/2014	9/10/2014	Not in AT; scheduled 100-KR only.

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100KR4	AT-K-1-S	2.8	9.2	A	10/1/2014	9/10/2014	Not in AT; scheduled 100-KR only.
100KR4	AT-K-2-D	6.8	22.3	A	10/1/2014	9/10/2014	
100KR4	AT-K-3-D	7.0	23.0	A	10/1/2014	9/15/2014	
100KR4	AT-K-3-M	5.4	17.8	A	10/1/2014	9/11/2014	
100KR4	AT-K-3-S	4.1	13.4	A	10/1/2014	9/15/2014	
100KR4	AT-K-4-M	4.0	13.2	A	10/1/2014	9/16/2014	
100KR4	AT-K-4-S	3.4	11.0	A	10/1/2014	9/16/2014	
100KR4	AT-K-5-D	6.4	21.1	A	10/1/2014	9/15/2014	
100KR4	AT-K-5-M	4.8	15.7	A	10/1/2014	9/15/2014	
100KR4	AT-K-5-S	3.2	10.5	A	10/1/2014	9/15/2014	
100KR4	AT-K-6-D	6.6	21.6	A	10/1/2014	9/15/2014	
100KR4	AT-K-6-M	4.6	15.3	A	10/1/2014	9/15/2014	
100KR4	AT-K-6-S	3.5	11.4	A	10/1/2014	9/15/2014	
100KR4	C6236	3.0	9.7	A	10/1/2014	10/21/2014	
100KR4	C6237	4.6	15.0	A	10/1/2014	10/21/2014	
100KR4	C6238	6.6	21.6	A	10/1/2014	10/21/2014	
100KR4	C6239	3.1	10.2	A	10/1/2014	10/20/2014	
100KR4	C6240	4.5	14.9	A	10/1/2014	10/22/2014	
100KR4	C6241	6.7	21.8	A	10/1/2014	10/22/2014	
100KR4	C6242	3.9	12.7	A	10/1/2014	10/21/2014	
100KR4	C6243	6.3	20.7	A	10/1/2014	10/21/2014	
100KR4	C6244	8.4	27.5	A	10/1/2014	10/21/2014	
100KR4	C6245	3.4	11.2	A	10/1/2014	10/20/2014	
100KR4	C6246	5.1	16.6	A	10/1/2014	10/20/2014	
100KR4	C6247	7.0	23.1	A	10/1/2014	10/20/2014	
100KR4	C6248	3.1	10.1	A	10/1/2014	10/22/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100KR4	C6249	4.6	15.0	A	10/1/2014	10/22/2014	
100KR4	C6250	7.1	23.2	A	10/1/2014	10/22/2014	
100KR4	C6251	3.1	10.1	A	10/1/2014	10/22/2014	
100KR4	C6252	5.6	18.3	A	10/1/2014	10/22/2014	
100KR4	C6253	7.3	24.0	A	10/1/2014	10/22/2014	
100KR4	C6254	2.4	8.0	A	10/1/2014	10/22/2014	
100KR4	C6255	3.3	10.8	A	10/1/2014	10/22/2014	
100KR4	C6256	5.0	16.4	A	10/1/2014	10/22/2014	
100KR4	C6257	3.0	9.8	A	10/1/2014	10/23/2014	
100KR4	C6258	4.6	15.0	A	10/1/2014	10/23/2014	
100KR4	C6259	5.9	19.5	A	10/1/2014	10/23/2014	
100KR4	C6260	2.5	8.3	A	10/1/2014	10/23/2014	
100KR4	C6261	4.1	13.6	A	10/1/2014	10/23/2014	
100KR4	C6263	3.9	12.8	A	10/1/2014	10/28/2014	
100KR4	C6264	6.2	20.2	A	10/1/2014	10/28/2014	
100KR4	C6265	8.3	27.3	A	10/1/2014	10/28/2014	
100KR4	C7641	2.6	8.6	Q	1/1/2014	1/28/2014	Not in AT; scheduled 100-KR only.
100KR4	C7641	2.6	8.6	Q	4/1/2014	4/9/2014*	Not in AT; scheduled 100-KR only.
100KR4	C7641	2.6	8.6	Q	7/1/2014	7/28/2014*	Not in AT; scheduled 100-KR only.
100KR4	C7641	2.6	8.6	A	10/1/2014	10/20/2014	
100KR4	C7642	4.5	14.7	Q	1/1/2014	1/28/2014	Not in AT; scheduled 100-KR only.
100KR4	C7642	4.5	14.7	Q	4/1/2014	4/9/2014*	Not in AT; scheduled 100-KR only.

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100KR4	C7642	4.5	14.7	Q	7/1/2014	7/28/2014*	Not in AT; scheduled 100-KR only.
100KR4	C7642	4.5	14.7	A	10/1/2014	10/20/2014	
100KR4	C7643	5.3	17.2	Q	1/1/2014	1/28/2014	Not in AT; scheduled 100-KR only.
100KR4	C7643	5.3	17.2	Q	4/1/2014	4/9/2014*	Not in AT; scheduled 100-KR only.
100KR4	C7643	5.3	17.2	Q	7/1/2014	7/28/2014*	Not in AT; scheduled 100-KR only.
100KR4	C7643	5.3	17.2	A	10/1/2014	10/20/2014	
100KR4	DK-04-2	3.5	11.5	A	10/1/2014	10/23/2014	
100NR2	APT1	2.7	8.9	SA	6/1/2014	6/11/2014*	Not in AT; scheduled apatite.
100NR2	APT1	2.7	8.9	SA	9/1/2014	9/17/2014	Not in AT; scheduled apatite.
100NR2	APT5	3.1	10.0	SA	3/1/2014	3/28/2014*	Not in AT; scheduled apatite.
100NR2	APT5	3.1	10.0	SA	6/1/2014	6/11/2014*	Not in AT; scheduled apatite.
100NR2	APT5	3.1	10.0	SA	9/1/2014	9/23/2014	Not in AT; scheduled apatite.
100NR2	C6132	1.7	5.5	Q	3/1/2014	3/31/2014*	
100NR2	C6132	1.7	5.5	Q	6/1/2014	6/11/2014*	
100NR2	C6132	1.7	5.5	Q	9/1/2014	9/16/2014	
100NR2	C6132	1.7	5.5	Q	12/1/2014	12/29/2014	
100NR2	C6136	1.5	4.9	Q	9/1/2014	9/16/2014	Not in AT; scheduled apatite.
100NR2	C6317	2.4	7.9	A	9/1/2014	9/4/2014	
100NR2	C6318	4.1	13.5	A	9/1/2014	9/4/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100NR2	C6319	6.8	22.2	A	9/1/2014	9/4/2014	
100NR2	C6320	2.6	8.5	A	9/1/2014	9/4/2014	
100NR2	C6321	3.8	12.6	A	9/1/2014	9/4/2014	
100NR2	C6322	5.7	18.8	A	9/1/2014	9/4/2014	
100NR2	C6324	4.3	14.2	Q	3/1/2014	3/28/2014*	Not in AT; scheduled apatite.
100NR2	C6324	4.3	14.2	Q	6/1/2014	6/16/2014*	Not in AT; scheduled apatite.
100NR2	C6324	4.3	14.2	A	9/1/2014	9/23/2014	Not in AT; scheduled apatite.
100NR2	C6325	7.1	23.4	A	9/1/2014	9/24/2014	
100NR2	C6326	3.0	9.9	A	9/1/2014	9/24/2014	
100NR2	C6327	5.1	16.7	A	9/1/2014	9/24/2014	
100NR2	C6328	7.6	24.8	A	9/1/2014	9/24/2014	
100NR2	C6329	4.8	15.6	A	9/1/2014	9/4/2014	
100NR2	C6330	6.7	22.1	A	9/1/2014	9/4/2014	
100NR2	C6331	8.7	28.7	A	9/1/2014	9/8/2014	
100NR2	C6332	3.0	9.8	A	9/1/2014	9/9/2014	
100NR2	C6334	7.5	24.7	A	9/1/2014	9/9/2014	
100NR2	C6352	4.3	14.1	A	9/1/2014	9/8/2014	
100NR2	C7881	0.8	2.6	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	C7881	0.8	2.6	Q	3/1/2014	3/25/2014*	
100NR2	C7881	0.8	2.6	Q	6/1/2014	6/12/2014*	
100NR2	C7881	0.8	2.6	Q	9/1/2014	9/23/2014	
100NR2	C7881	0.8	2.6	Q	12/1/2014	12/21/2014	
100NR2	C7934	4.4	14.4	M	1/1/2014	1/28/2014	
100NR2	C7934	4.4	14.4	M	2/1/2014	2/13/2014	
100NR2	C7934	4.4	14.4	M	3/1/2014	3/25/2014*	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100NR2	C7934	4.4	14.4	M	4/1/2014	4/9/2014*	
100NR2	C7934	4.4	14.4	A	9/1/2014	9/8/2014	
100NR2	C7934	4.4	14.4	M	10/1/2014	10/28/2014	
100NR2	C7934	4.4	14.4	M	11/1/2014	12/11/2014	
100NR2	C7934	4.4	14.4	M	12/1/2014	12/22/2014	
100NR2	C7935	5.7	18.8	M	1/1/2014	1/28/2014	
100NR2	C7935	5.7	18.8	M	2/1/2014	2/13/2014	
100NR2	C7935	5.7	18.8	M	3/1/2014	3/25/2014*	
100NR2	C7935	5.7	18.8	M	4/1/2014	4/9/2014*	
100NR2	C7935	5.7	18.8	A	9/1/2014	9/8/2014	
100NR2	C7935	5.7	18.8	M	10/1/2014	10/28/2014	
100NR2	C7935	5.7	18.8	M	11/1/2014	12/11/2014	
100NR2	C7935	5.7	18.8	M	12/1/2014	12/22/2014	
100NR2	C7936	8.9	29.2	M	1/1/2014	1/28/2014	
100NR2	C7936	8.9	29.2	M	2/1/2014	2/13/2014	
100NR2	C7936	8.9	29.2	M	3/1/2014	3/25/2014*	
100NR2	C7936	8.9	29.2	M	4/1/2014	4/9/2014*	
100NR2	C7936	8.9	29.2	A	9/1/2014	9/8/2014	
100NR2	C7936	8.9	29.2	M	10/1/2014	10/28/2014	
100NR2	C7936	8.9	29.2	M	11/1/2014	12/11/2014	
100NR2	C7936	8.9	29.2	M	12/1/2014	12/22/2014	
100NR2	C7937	3.1	10.1	Q	4/1/2014	4/9/2014*	
100NR2	C7937	3.1	10.1	Q	9/1/2014	9/9/2014	
100NR2	C7937	3.1	10.1	Q	12/1/2014	12/22/2014	
100NR2	C7938	4.5	14.9	Q	4/1/2014	4/9/2014*	
100NR2	C7938	4.5	14.9	Q	9/1/2014	9/9/2014	
100NR2	C7938	4.5	14.9	Q	12/1/2014	12/22/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100NR2	C7939	5.8	19.1	Q	4/1/2014	4/9/2014*	
100NR2	C7939	5.8	19.1	Q	9/1/2014	9/9/2014	
100NR2	C7939	5.8	19.1	Q	12/1/2014	12/22/2014	
100NR2	N116mArray-0A	1.6	5.4	Q	3/1/2014	3/28/2014*	
100NR2	N116mArray-0A	1.6	5.4	Q	6/1/2014	6/11/2014*	Scheduled AT and apatite.
100NR2	N116mArray-0A	1.6	5.4	Q	9/1/2014	9/16/2014	Scheduled AT and apatite.
100NR2	N116mArray-0A	1.6	5.4	Q	12/1/2014	12/29/2014	
100NR2	N116mArray-10A	1.0	3.3	Q	12/1/2013	1/24/2014	Delayed from CY 2013
100NR2	N116mArray-10A	1.0	3.3	Q	3/1/2014	3/31/2014*	
100NR2	N116mArray-10A	1.0	3.3	Q	6/1/2014	6/16/2014*	Scheduled AT and apatite.
100NR2	N116mArray-10A	1.0	3.3	Q	9/1/2014	9/24/2014	Scheduled AT and apatite.
100NR2	N116mArray-10A	1.0	3.3	Q	12/1/2014	12/21/2014	
100NR2	N116mArray-11A	1.0	3.3	Q	12/1/2013	1/24/2014	Delayed from CY 2013
100NR2	N116mArray-11A	1.0	3.3	Q	3/1/2014	3/28/2014*	
100NR2	N116mArray-11A	1.0	3.3	Q	6/1/2014	6/16/2014*	Scheduled AT and apatite.
100NR2	N116mArray-11A	1.0	3.3	Q	9/1/2014	8/22/2014	Scheduled AT and apatite.
100NR2	N116mArray-11A	1.0	3.3	Q	12/1/2014	12/21/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100NR2	N116mArray-13A	1.6	5.2	Q	12/1/2013	1/24/2014	Delayed from 2013. Later found to be broken. Results not representative.
100NR2	N116mArray-13A	1.6	5.2	Q	9/1/2014	10/6/2014	Scheduled AT and apatite.
100NR2	N116mArray-13A	1.6	5.2	Q	12/1/2014	12/21/2014	Specific conductance same as river.
100NR2	N116mArray-15A	1.7	5.5	Q	12/1/2013	1/24/2014	Delayed from CY 2013
100NR2	N116mArray-15A	1.7	5.5	Q	3/1/2014	3/31/2014*	
100NR2	N116mArray-15A	1.7	5.5	Q	6/1/2014	6/16/2014*	Scheduled AT and apatite.
100NR2	N116mArray-15A	1.7	5.5	Q	9/1/2014	8/22/2014	Scheduled AT and apatite.
100NR2	N116mArray-15A	1.7	5.5	Q	12/1/2014	12/21/2014	
100NR2	N116mArray-1A	1.2	3.9	Q	12/1/2014	12/29/2014	
100NR2	N116mArray-2A	0.6	2.1	Q	3/1/2014	3/14/2014*	
100NR2	N116mArray-2A	0.6	2.1	Q	6/1/2014	6/11/2014*	Scheduled AT and apatite.
100NR2	N116mArray-2A	0.6	2.1	Q	9/1/2014	9/16/2014	Scheduled AT and apatite.
100NR2	N116mArray-2A	0.6	2.1	Q	12/1/2014	12/29/2014	
100NR2	N116mArray-3A	0.6	2.0	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	N116mArray-3A	0.6	2.0	Q	3/1/2014	3/25/2014*	
100NR2	N116mArray-3A	0.6	2.0	Q	6/1/2014	6/12/2014*	Scheduled AT and apatite.

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100NR2	N116mArray-3A	0.6	2.0	Q	9/1/2014	9/17/2014	Scheduled AT and apatite.
100NR2	N116mArray-3A	0.6	2.0	Q	12/1/2014	1/13/2015	
100NR2	N116mArray-4A	1.0	3.3	Q	3/1/2014	3/25/2014*	
100NR2	N116mArray-4A	1.0	3.3	Q	6/1/2014	6/12/2014*	Scheduled AT and apatite.
100NR2	N116mArray-4A	1.0	3.3	Q	9/1/2014	9/17/2014	Scheduled AT and apatite.
100NR2	N116mArray-4A	1.0	3.3	Q	12/1/2014	12/30/2014	
100NR2	N116mArray-6A	0.7	2.3	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	N116mArray-6A	0.7	2.3	Q	3/1/2014	3/14/2014*	
100NR2	N116mArray-6A	0.7	2.3	Q	6/1/2014	6/12/2014*	Scheduled AT and apatite.
100NR2	N116mArray-6A	0.7	2.3	Q	9/1/2014	8/22/2014	Scheduled AT and apatite.
100NR2	N116mArray-6A	0.7	2.3	Q	12/1/2014	12/21/2014	
100NR2	N116mArray-8.5A	1.1	3.5	Q	12/1/2014		Consistently no yield. Cancel.
100NR2	N116mArray-8A	1.0	3.3	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	N116mArray-8A	1.0	3.3	Q	3/1/2014	3/14/2014*	
100NR2	N116mArray-8A	1.0	3.3	Q	6/1/2014	6/12/2014*	Scheduled AT and apatite.
100NR2	N116mArray-8A	1.0	3.3	Q	9/1/2014	8/22/2014	Scheduled AT and apatite.
100NR2	N116mArray-8A	1.0	3.3	Q	12/1/2014	12/21/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100NR2	N116mArray-9A	1.0	3.3	Q	12/1/2013	1/24/2014	Delayed from CY 2013
100NR2	N116mArray-9A	1.0	3.3	Q	3/1/2014	3/31/2014*	
100NR2	N116mArray-9A	1.0	3.3	Q	6/1/2014	6/13/2014*	Scheduled AT and apatite.
100NR2	N116mArray-9A	1.0	3.3	Q	9/1/2014	8/22/2014	Scheduled AT and apatite.
100NR2	N116mArray-9A	1.0	3.3	Q	12/1/2014	12/21/2014	
100NR2	NVP1-1	1.0	3.3	Q	3/1/2014	3/14/2014*	
100NR2	NVP1-1	1.0	3.3	Q	6/1/2014	6/13/2014*	
100NR2	NVP1-1	1.0	3.3	Q	12/1/2014	1/13/2015	
100NR2	NVP1-2	1.2	4.1	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	NVP1-2	1.2	4.1	Q	3/1/2014	3/14/2014*	
100NR2	NVP1-2	1.2	4.1	Q	6/1/2014	6/13/2014*	
100NR2	NVP1-2	1.2	4.1	Q	12/1/2014	12/21/2014	
100NR2	NVP1-3	1.7	5.6	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	NVP1-3	1.7	5.6	Q	3/1/2014	3/14/2014*	
100NR2	NVP1-3	1.7	5.6	Q	6/1/2014	6/13/2014*	
100NR2	NVP1-3	1.7	5.6	Q	9/1/2014	10/6/2014	
100NR2	NVP1-3	1.7	5.6	Q	12/1/2014	12/21/2014	
100NR2	NVP1-4	1.7	5.7	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	NVP1-4	1.7	5.7	Q	3/1/2014	3/14/2014*	
100NR2	NVP1-4	1.7	5.7	Q	6/1/2014	6/13/2014*	
100NR2	NVP1-4	1.7	5.7	Q	9/1/2014	9/24/2014	
100NR2	NVP1-4	1.7	5.7	Q	12/1/2014	12/21/2014	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100NR2	NVP1-5	2.2	7.2	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	NVP1-5	2.2	7.2	Q	3/1/2014	3/14/2014*	
100NR2	NVP1-5	2.2	7.2	Q	6/1/2014	6/13/2014*	
100NR2	NVP1-5	2.2	7.2	Q	9/1/2014	9/24/2014	
100NR2	NVP1-5	2.2	7.2	Q	12/1/2014	12/21/2014	
100NR2	NVP2-115.1	1.9	6.2	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	NVP2-115.1	1.9	6.2	Q	3/1/2014	3/14/2014*	
100NR2	NVP2-115.1	1.9	6.2	Q	6/1/2014	6/13/2014*	
100NR2	NVP2-115.1	1.9	6.2	Q	9/1/2014	9/24/2014	
100NR2	NVP2-115.1	1.9	6.2	Q	12/1/2014	12/21/2014	
100NR2	NVP2-115.4	1.6	5.3	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	NVP2-115.4	1.6	5.3	Q	3/1/2014	3/14/2014*	
100NR2	NVP2-115.4	1.6	5.3	Q	6/1/2014	6/13/2014*	
100NR2	NVP2-115.4	1.6	5.3	Q	9/1/2014	9/24/2014	
100NR2	NVP2-115.4	1.6	5.3	Q	12/1/2014	12/21/2014	
100NR2	NVP2-115.7	1.3	4.3	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	NVP2-115.7	1.3	4.3	Q	3/1/2014	3/14/2014*	
100NR2	NVP2-115.7	1.3	4.3	Q	6/1/2014	6/13/2014*	
100NR2	NVP2-115.7	1.3	4.3	Q	9/1/2014	9/24/2014	
100NR2	NVP2-115.7	1.3	4.3	Q	12/1/2014	12/21/2014	
100NR2	NVP2-116.0	1.0	3.3	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	NVP2-116.0	1.0	3.3	Q	3/1/2014	3/25/2014*	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
100NR2	NVP2-116.0	1.0	3.3	Q	6/1/2014	6/13/2014*	Scheduled AT and apatite.
100NR2	NVP2-116.0	1.0	3.3	Q	9/1/2014	9/17/2014	Scheduled AT and apatite.
100NR2	NVP2-116.0	1.0	3.3	Q	12/1/2014	12/21/2014	
100NR2	NVP2-116.3	0.7	2.3	Q	12/1/2013	1/17/2014	Delayed from CY 2013
100NR2	NVP2-116.3	0.7	2.3	Q	3/1/2014	3/14/2014*	
100NR2	NVP2-116.3	0.7	2.3	Q	6/1/2014	6/13/2014*	
100NR2	NVP2-116.3	0.7	2.3	Q	9/1/2014	9/24/2014	
100NR2	NVP2-116.3	0.7	2.3	Q	12/1/2014	12/21/2014	
200PO1	82-M	4.4	14.5	A	12/1/2013	1/7/2014	Delayed from 2013. Not in AT; scheduled 200-PO.
200PO1	82-M	4.4	14.5	A	12/1/2014	1/7/2015	Not in AT; scheduled 200-PO.
200PO1	82-S	2.6	8.5	A	12/1/2013	1/7/2014	Delayed from 2013. Not in AT; scheduled 200-PO.
200PO1	82-S	2.6	8.5	A	12/1/2014	1/7/2015	Not in AT; scheduled 200-PO.
200PO1	84-D	6.7	22.0	A	12/1/2014	1/13/2015	Not in AT; scheduled 200-PO.
200PO1	84-M	4.3	14.0	A	12/1/2014	1/7/2015	Not in AT; scheduled 200-PO.
200PO1	84-S	2.4	8.0	A	12/1/2014	1/8/2015	Not in AT; scheduled 200-PO.

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
200PO1	85-D	7.9	26.0	A	10/1/2013	1/8/2014	Delayed from 2013. No yield 10/14/13.
200PO1	85-D	7.9	26.0	A	12/1/2014	1/8/2015	Scheduled AT and 200-PO.
200PO1	85-M	5.2	17.0	A	12/1/2013	1/8/2014	Delayed from 2013. Not in AT; scheduled 200-PO.
200PO1	85-M	5.2	17.0	A	12/1/2014	1/8/2015	Not in AT; scheduled 200-PO.
200PO1	85-S	0.0		A	12/1/2013	1/8/2014	Delayed from 2013. Not in AT; scheduled 200-PO.
200PO1	85-S	2.4	8.0	A	12/1/2014	1/8/2015	Not in AT; scheduled 200-PO.
200PO1	86-D	7.9	26.0	A	10/1/2013	1/8/2014	Delayed from CY 2013
200PO1	86-D	7.9	26.0	A	12/1/2014	1/9/2015	
200PO1	86-M	3.0	10.0	A	12/1/2014	1/9/2015	Not in AT; scheduled 200-PO.
200PO1	86-S	2.1	7.0	A	12/1/2013	1/8/2014	Delayed from 2013. Not in AT; scheduled 200-PO. Low yield.
200PO1	86-S	2.1	7.0	A	12/1/2014	1/9/2015	Not in AT; scheduled 200-PO.
200PO1	C6353	1.0	3.2	A	12/1/2014	1/14/2015	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
200PO1	C6356	1.0	3.4	A	12/1/2014	1/9/2015	
200PO1	C6359	1.3	4.3	A	12/1/2014	1/14/2015	
200PO1	C6362	2.0	6.6	A	10/1/2013	1/23/2014	Delayed from CY 2013
200PO1	C6362	2.0	6.6	A	12/1/2014	1/7/2015	
200PO1	C6368	2.0	6.4	A	12/1/2014	1/14/2015	
200PO1	C6374	2.1	6.8	A	10/1/2013	1/22/2014	Delayed from CY 2013
200PO1	C6374	2.1	6.8	A	12/1/2014	1/8/2015	Scheduled for field readings only, but substituted for C6375.
200PO1	C6375	2.7	8.9	A	10/1/2013	1/22/2014	Delayed from CY 2013
200PO1	C6375	2.7	8.9	A	12/1/2014		Broken. Cancel.
200PO1	C6378	1.5	5.1	A	12/1/2014	1/8/2015	
200PO1	C6380	0.5	1.5	A	12/1/2014	1/8/2015	
200PO1	C6383	2.2	7.1	A	10/1/2013	1/22/2014	Delayed from CY 2013
200PO1	C6383	2.2	7.1	A	12/1/2014	1/8/2015	
200PO1	C6384	4.4	14.3	A	12/1/2014	1/9/2015	
300FF5	AT-3-1-D(1)	6.4	21.1	A	12/1/2013	1/6/2014	Delayed from CY 2013
300FF5	AT-3-1-D(1)	6.4	21.1	A	12/1/2014	1/6/2015*	
300FF5	AT-3-1-M	5.1	16.8	SA	12/1/2013	1/6/2014	Delayed from CY 2013
300FF5	AT-3-1-M	5.1	16.8	A	12/1/2014	1/6/2015*	
300FF5	AT-3-1-S	3.5	11.6	A	12/1/2013	1/22/2014	Delayed from CY 2013
300FF5	AT-3-1-S	3.5	11.6	A	12/1/2014	1/6/2015*	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
300FF5	AT-3-2-M	5.1	16.6	SA	12/1/2013	1/23/2014	Delayed from CY 2013
300FF5	AT-3-2-M	5.1	16.6	A	12/1/2014		Repaired 1/9/15; attempted 1/14/15, no yield. Cancel
300FF5	AT-3-2-S	3.3	10.8	A	12/1/2013	1/6/2014	Delayed from CY 2013
300FF5	AT-3-2-S	3.3	10.8	A	12/1/2014	1/6/2015*	
300FF5	AT-3-3-D	8.9	29.1	A	12/1/2014	1/6/2015*	
300FF5	AT-3-3-M	4.6	15.1	A	12/1/2014	1/6/2015*	
300FF5	AT-3-3-S	2.1	6.9	A	12/1/2014	1/6/2015*	
300FF5	AT-3-4-D	2.9	9.6	A	12/1/2014	1/8/2015*	
300FF5	AT-3-4-M	2.8	9.2	A	12/1/2014		No yield 1/8/15; cancel.
300FF5	AT-3-4-S	2.1	7.0	A	12/1/2014	1/8/2015*	
300FF5	AT-3-5-S	2.3	7.7	A	12/1/2014	1/6/2015*	
300FF5	AT-3-6-D	11.8	38.6	A	12/1/2014	1/6/2015*	
300FF5	AT-3-6-M	6.7	21.8	A	12/1/2014	1/6/2015*	
300FF5	AT-3-6-S	2.9	9.6	A	12/1/2014	1/6/2015*	
300FF5	AT-3-7-D	11.4	37.3	SA	12/1/2013	1/23/2014	Delayed from CY 2013
300FF5	AT-3-7-D	11.4	37.3	A	12/1/2014	1/6/2015*	
300FF5	AT-3-7-M	6.4	20.8	A	12/1/2014	1/6/2015*	
300FF5	AT-3-7-S	2.6	8.6	A	12/1/2014	1/6/2015*	
300FF5	AT-3-8-M	4.3	14.0	A	12/1/2014	1/6/2015*	
300FF5	AT-3-8-S	2.4	8.0	A	12/1/2014	1/6/2015*	
300FF5	C6341	3.6	11.7	A	12/1/2014	1/6/2015*	
300FF5	C6342	5.3	17.5	A	12/1/2014	1/6/2015*	
300FF5	C6343	6.3	20.6	A	12/1/2014	1/6/2015*	

**Table C-2. Aquifer Tube Sample Dates and Depths**

<b>Segment</b>	<b>Tube Name</b>	<b>Depth (m)</b>	<b>Depth (ft)</b>	<b>Frequency</b>	<b>Month Scheduled</b>	<b>Sample Dates</b>	<b>Comments</b>
300FF5	C6344	2.2	7.3	A	12/1/2014	1/6/2015*	
300FF5	C6347	3.0	9.8	SA	12/1/2013	1/6/2014	Delayed from CY 2013
300FF5	C6347	3.0	9.8	A	12/1/2014	1/7/2015*	
300FF5	C6348	3.1	10.0	A	12/1/2014	1/7/2015*	
300FF5	C6350	2.6	8.4	A	12/1/2014	1/6/2015*	
300FF5	C6351	4.3	14.2	A	12/1/2014	1/6/2015*	

For hyporheic sampling points, see [SGW-58308](#)

A = annually

AT = aquifer tube sampling and analysis plan ([DOE/RL-2000-59](#))

M = monthly

SA = semiannually

CY = calendar year

\*Head end of aquifer tube head may have been below water at time of sampling